RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number:	<u> 10/550, 934</u>
Source:	PCT
Date Processed by STIC:	10/07/2005

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PCT

RAW SEQUENCE LISTING DATE: 10/07/2005
PATENT APPLICATION: US/10/550,934 TIME: 10:11:24

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             Kimura, Naoki
              Fukuda, Tatsuya
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C--> 11 <141> CURRENT FILING DATE: 2005-09-28
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     12 <151> PRIOR FILING DATE: 2004-03-31
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RAW SEQUENCE LISTING DATE: 10/07/2005 PATENT APPLICATION: US/10/550,934 TIME: 10:11:24

Input Set : A:\14875-151US1.txt

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RAW SEQUENCE LISTING DATE: 10/07/2005 PATENT APPLICATION: US/10/550,934 TIME: 10:11:24

Input Set : A:\14875-151US1.txt

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RAW SEQUENCE LISTING DATE: 10/07/2005 , PATENT APPLICATION: US/10/550,934 TIME: 10:11:24

Input Set : A:\14875-151US1.txt

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Met Asn Phe Gly Leu Arg Leu Ile Phe Leu Val Leu 1 5 10 244 act tta aaa ggt gtg aag tgt gaa gtg cag ctg gtg gag tct ggg gga 245 Thr Leu Lys Gly Val Lys Cys Glu Val Gln Leu Val Glu Ser Gly Gly 246 15 20 25 248 ggc tta gtg aag cct gga ggg tcc ctg aaa ctc tcc tgt gca gcc tct 249 Gly Leu Val Lys Pro Gly Gly Ser Leu Lys Leu Ser Cys Ala Ala Ser 250 30 35 40 252 gga ttc gct ttc agt atc tat gac atg tct tgg gtt cgc cag act ccg 253 Gly Phe Ala Phe Ser Ile Tyr Asp Met Ser Trp Val Arg Gln Thr Pro 254 45 50 50 55 60	97 145 193											
Met Asn Phe Gly Leu Arg Leu Ile Phe Leu Val Leu 1 5 10 244 act tta aaa ggt gtg aag tgt gaa gtg cag ctg gtg gag tct ggg gga 245 Thr Leu Lys Gly Val Lys Cys Glu Val Gln Leu Val Glu Ser Gly Gly 246 25 20 25 248 ggc tta gtg aag cct gga ggg tcc ctg aaa ctc tcc tgt gca gcc tct 249 Gly Leu Val Lys Pro Gly Gly Ser Leu Lys Leu Ser Cys Ala Ala Ser 250 30 35 40 252 gga ttc gct ttc agt atc tat gac atg tct tgg gtt cgc cag act ccg 253 Gly Phe Ala Phe Ser Ile Tyr Asp Met Ser Trp Val Arg Gln Thr Pro 254 45 50 55 60 256 gag aag agg ctg gag tgg gtc gca tac att agt agt ggt ggt ggt acc	97 145											
Met Asn Phe Gly Leu Arg Leu Ile Phe Leu Val Leu 1 5 10 244 act tta aaa ggt gtg aag tgt gaa gtg cag ctg gtg gag tct ggg gga 245 Thr Leu Lys Gly Val Lys Cys Glu Val Gln Leu Val Glu Ser Gly Gly 246 15 20 25 248 ggc tta gtg aag cct gga ggg tcc ctg aaa ctc tcc tgt gca gcc tct 249 Gly Leu Val Lys Pro Gly Gly Ser Leu Lys Leu Ser Cys Ala Ala Ser 250 30 35 40 252 gga ttc gct ttc agt atc tat gac atg tct tgg gtt cgc cag act ccg 253 Gly Phe Ala Phe Ser Ile Tyr Asp Met Ser Trp Val Arg Gln Thr Pro 254 45 50 55 60 256 gag aag agg ctg gag tgg gtc gca tac att agt agt ggt ggt ggt acc 257 Glu Lys Arg Leu Glu Trp Val Ala Tyr Ile Ser Ser Gly Gly Gly Thr	97 145 193											
Met Asn Phe Gly Leu Arg Leu Ile Phe Leu Val Leu 1	97 145 193 241											
Met Asn Phe Gly Leu Arg Leu Ile Phe Leu Val Leu 1 5 10 244 act tta aaa ggt gtg aag tgt gaa gtg cag ctg gtg gag tct ggg gga 245 Thr Leu Lys Gly Val Lys Cys Glu Val Gln Leu Val Glu Ser Gly Gly 246 15 20 25 248 ggc tta gtg aag cct gga ggg tcc ctg aaa ctc tcc tgt gca gcc tct 249 Gly Leu Val Lys Pro Gly Gly Ser Leu Lys Leu Ser Cys Ala Ala Ser 250 30 35 40 252 gga ttc gct ttc agt atc tat gac atg tct tgg gtt cgc cag act ccg 253 Gly Phe Ala Phe Ser Ile Tyr Asp Met Ser Trp Val Arg Gln Thr Pro 254 45 50 50 55 60 256 gag aag agg ctg gag tgg gtc gca tac att agt agt ggt ggt ggt acc 257 Glu Lys Arg Leu Glu Trp Val Ala Tyr Ile Ser Ser Gly Gly Gly Thr 258 70 75 260 acc tac tat cca gac act gtg aag ggc cga ttc acc atc tcc aga gac	97 145 193											
Met Asn Phe Gly Leu Arg Leu Ile Phe Leu Val Leu 1 5 10 244 act tta aaa ggt gtg aag tgt gaa gtg cag ctg gtg gag tct ggg gga 245 Thr Leu Lys Gly Val Lys Cys Glu Val Gln Leu Val Glu Ser Gly Gly 246 15 20 25 248 ggc tta gtg aag cct gga ggg tcc ctg aaa ctc tcc tgt gca gcc tct 249 Gly Leu Val Lys Pro Gly Gly Ser Leu Lys Leu Ser Cys Ala Ala Ser 250 30 35 40 252 gga ttc gct ttc agt atc tat gac atg tct tgg gtt cgc cag act ccg 253 Gly Phe Ala Phe Ser Ile Tyr Asp Met Ser Trp Val Arg Gln Thr Pro 254 45 50 50 55 60 256 gag aag agg ctg gag tgg gtc gca tac att agt agt ggt ggt ggt acc 257 Glu Lys Arg Leu Glu Trp Val Ala Tyr Ile Ser Ser Gly Gly Gly Thr 258 70 70 75 260 acc tac tat cca gac act gtg aag ggc cga ttc acc atc tcc aga gac 261 Thr Tyr Tyr Pro Asp Thr Val Lys Gly Arg Phe Thr Ile Ser Arg Asp	97 145 193 241											
Met Asn Phe Gly Leu Arg Leu Ile Phe Leu Val Leu 1	97 145 193 241 289											
Met Asn Phe Gly Leu Arg Leu Ile Phe Leu Val Leu 1	97 145 193 241											
Met Asn Phe Gly Leu Arg Leu Ile Phe Leu Val Leu 1	97 145 193 241 289											
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RAW SEQUENCE LISTING DATE: 10/07/2005
PATENT APPLICATION: US/10/550,934 TIME: 10:11:24

Input Set : A:\14875-151US1.txt

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	125	O-y	vul	БСС	1110	130	- y -	тър	Cry	0111	135		LCu	var	1111	140	
276	tct	gca	ggt	gga	ggc	ggt	agc	gat	atc	cag	atg	acc	cag	act	aca	tcc	481
277	Ser	Ala	Gly	Gly	Gly	Gly	Ser	Asp	Ile	Gln	Met	Thr	Gln	Thr	Thr	Ser	
278			-	_	145	_		_		150					155		
280	tcc	cta	tct	acc	tct	ctg	σσα	gac	aσa	atc	acc	att	aσt	tac	aσσ	αca	529
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282				160					165					170	9		
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						Asn											311
286	Ser	GIII	175	116	261	ASII	тут	180	ASII	пр	тут	GIII	185	цуз	110	АЗР	
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290		190					195					200					
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		Pro	Ser	Lys	Phe	Ser	Gly	Ser	Gly	Ser	_	Thr	Asp	Tyr	Ser		
	205					210					215					220	
296	acc	att	agc	aac	ctg	gag	caa	gaa	gat	ttt	gcc	act	tac	ttt	tgc	caa	721
297	Thr	Ile	Ser	Asn	Leu	Glu	Gln	Glu	Asp	Phe	Ala	Thr	Tyr	Phe	Cys	Gln	
298					225					230					235		
300	cag	ggt	aat	acg	ctt	ccg	tgg	acg	ttc	ggt	gga	ggc	acc	aag	ctg	gaa	769
						Pro											
302		_		240			_		245	_	_	-		250			
304	atc	aaa	qac	tac	aaq	gat	gac	qac	gat	aaq	tga	taa	acad	acca	caa t	_	816
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306		-1-	255	- 1 -	-1-	<b>L</b>	I-	260		-1-							
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320		17-1	T	Mak		C	T	7.1.	C		M	m L	Dh.	m 14		П	
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323	_	_		20		_		_	25				_	30	_		
	Trp	Leu		Trp	TTe	Lys	Gln	_	Pro	GLy	GIn	Gly		Glu	Trp	Ile	
326			35					40					45				
328	Gly	Tyr	Ile	Asn	Pro	Arg	Asn	Asp	Tyr	Thr	Glu	Tyr	Asn	Gln	Asn	Phe	
329		50					55					60					
331	Lys	Asp	Lys	Ala	Thr	Leu	Thr	Ala	Asp	Lys	Ser	Ser	Ser	Thr	Ala	Tyr	
332	65					70					75					80	
334	Met	Gln	Leu	Ser	Ser	Leu	Thr	Ser	Glu	Asp	Ser	Ala	Val	Tyr	Tyr	Cys	
335					85					90				•	95		
337	Ala	Arg	Arg	Asp	Ile	Thr	Thr	Phe	Tyr	Trp	Gly	Gln	Gly	Thr	Thr	Leu	
338			,	100					105	•	-		-	110			
	Thr	Val	Ser	Ser													

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 10/07/2005 PATENT APPLICATION: US/10/550,934 TIME: 10:11:25

Input Set : A:\14875-151US1.txt

Output Set: N:\CRF4\10072005\J550934.raw

## Invalid <213> Response:

Use of "Artificial" only as "<213> Organism" response is incomplete, per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21,22,23,24,25,26,27 Seq#:28,29,30,31,32,33,34,35,36

DATE: 10/07/2005 VERIFICATION SUMMARY TIME: 10:11:25 PATENT APPLICATION: US/10/550,934

Input Set : A:\14875-151US1.txt

Output Set: N:\CRF4\10072005\J550934.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application No L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date